Preliminary Proposed "Core Actions" (Which could be part of any alternative)

Actions Selected

- Restore and enhance existing wetlands
- Protect existing wetland habitat
- Improve regulation of ballast-water releases
- Improve border inspection practices
- Modify gravel mining practices
- Use real-time monitoring and adaptive management
- Operate fish barrier on San Joaquin R. At Merced R.
- Establish incentives for conjunctive use
- Construct conveyance to off-stream storage
- Construct conveyance to groundwater storage
- Modify California Water Code to ease water transfers
- Improve procedures for transfer permitting
- Coordinate diversion and conveyance of transfers
- Establish incentives for long-term planning
- Conduct integrated Resources Planning
- Establish incentives for long-term conservation
- Develop alternate supplies for drought situations
- Develop Water Resources Data and Information Management
- Coordinate multi-agency roles in resource management
- Coordinate groundwater/surface water management
- Establish incentives for cooperation/coordination
- Establish a public awareness/education program
- Encourage local determination of supplies available
- Encourage local assessment of water supply reliability
- Enforce wastewater discharge requirements
- Prevent toxic discharges from industrial plants
- Maintain and stabilize existing levees
- Implement uniform levee maintenance standards
- Provide funding for maintenance and stabilization of levees

1A

- Conflict/Approach 1A Basic Level of Implementation
- Fisheries/Diversion Conflict
- Fish Productivity Approach

Actions Selected

- Protect existing shallow habitat from erosion
- Restore/preserve channel islands
- Modify construction practices to include riverine elements
- Improve and protect degraded riparian habitats
- Modify levee maintenance practices
- Protect existing riparian habitat
- Upstream Anadromous Fish Habitat
 manage flows in upstream habitats
 manage temperatures in upstream habitats
- Modify passage at upstream dams/other barriers
- Modify natural barriers to improve passage
- Install barriers to keep fish in Sacramento River

1B

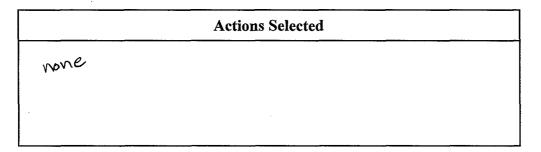
Conflict/Approach 1B - Basic Level of Implementation Fisheries/Diversion Conflict -Diversion Approach

Actions Selected

- Physical Improvements for Fish Passage
- Modify passage at upstream dams/other barriers
- Modify natural barriers to improve passage
- Modification of Diversion Timing Patterns
- Coordinate SWP/CVP diversion timing
- Install barriers to Guide Fish Movement
- Install barriers to block fish movement into Old River
- Install barriers to keep fish in Sacramento River

2A

- Conflict/Approach 2A Basic Level of Implementation
- Habitat and Land Use/Flood Protection Conflict
- Improve habitat and sustain flood protection while protecting existing land use approach



2B

- Conflict/Approach 2B Basic Level of Implementation
- Habitat and Land use/Flood Protection Conflict
- Improve habitat and improve flood protection by modifying land use approach

• Restrict livestock grazing in riparian corridors

3A

- Conflict/Approach 3A Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Demand reduction approach

Actions Selected

- Establish procedures for allocation of export capacity
- Establish institution to allocate export capacity
- Coordinate land uses with water supply
- Coordinate water transfers and export capacity
- Market export capacity for environmental benefits

- Conflict/Approach 3B Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Supply enhancement Approach

Actions Selected

- Coordinate land uses with water supplies
- Restore flows to dewatered riparian habitats

4A

- Conflict/Approach 4A Basic Level of Implementation
- Water Quality and Land use Conflict
- Manage Quality of Delta Inflow Approach

Actions Selected

- Management of Agricultural Drainage
- Reduce or control volume of agricultural drainage
- Avoid use of high-salinity irrigation water
- Modify cropping and irrigation practices
- Management of M&I Discharges
 - Higher enforcement of wastewater discharge requirements
 - Prevent toxic discharges from industrial plants

4B

- Conflict/Approach 4B Basic Level of Implementation
- Water Quality and Land use Conflict
- Post Discharge Management Approach

No Actions Selected